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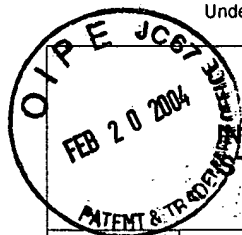


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Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete If Known

Application Number	09/846,841
Filing Date	04/30/2001
First Named Inventor	Carl M. Panasik, et al.
Group Art Unit	2644
Examiner Name	TBD
Attorney Docket No.	TI-32958

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Exam. Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
N.L.	AA	5,661,422		David T. Crook, et al.	08/26/1997	—
	AB					
	AC					
	AD					
	AE					
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FOREIGN PATENT DOCUMENTS

Exam. Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Office ³	Number ⁴	Kind Code ² (if known)				
N.L.	BA		PCT WO 82/04508		Gould Inc.	23/12/1982	—	
N.L.	BB		PCT WO 96/08878		Ericsson GE Mobile Inc.	21/03/1996	—	
N.L.	BC		PCT WO 96/10868		Ericsson Telefon AB LM; Eklund Per Johan (SE); Melander Patrik LE	11/04/1996	—	
	BD							
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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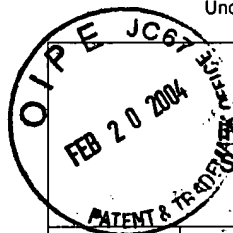


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Group Art Unit	2644
Examiner Name	TBD
Attorney Docket No.	TI-32958

Sheet

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of

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam. Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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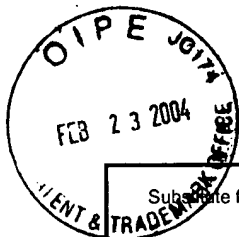
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
Sheet	1	of	1	Application Number	10/046,719-Conf. #3594
				Filing Date	January 17, 2002
				First Named Inventor	Satoshi Hasegawa
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	M1909.0160/P160

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
N.L.	BA	-JP 8-249000	09-27-1996	—	—	
N.L.	BB	-JP 10-247093	09-14-1998	—	—	
N.L.	BC	-JP 2000-66691	03-03-2000	—	—	
N.L.	BD	-JP 2001-344905	12-14-2001	—	—	
N.L.	BE	-JP 2000-138591	05-16-2000	—	—	

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
N.L.	CA	Copy of Japanese Office Action dated November 25, 2003 (and English translation of relevant portion)	—

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